

Application No.: 10/659168
Docket No.: AD6929USNA
Response to Non-Final Office Action of 19 Sept 05

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Amendments to Claims

This claim listing replaces all previous listings or versions of the claims.

1. ~~(Deleted) A composition comprising a liquid crystalline polyester (LCP) as a matrix material having a melting temperature of greater than or equal to 399 °C containing at least two lubricating fillers and wear resistance of at least 1.75 MPa-m/s (50,000 psi-fpm).~~
2. ~~(Deleted) A composition according to claim 1, wherein said liquid crystalline polyester material comprises 45-95 % by weight.~~
3. ~~(Deleted) A composition according to claim 1, wherein said liquid crystalline polyester material has repeat units derived from 4-hydroxybenzoic acid, 4,4'-biphenol, terephthalic acid, and one or both of 2,6-naphthalenedicarboxylic acid and isophthalic acid.~~
4. ~~(Deleted) A composition according to claim 1, wherein said fillers are selected from the group consisting of graphite, carbon fiber, fluoropolymer, molybdenum disulfide, clay, mica, talc, zinc oxide, tungsten carbide, silicone, carbon black, particulate polyimide, boron nitride, aramid, potassium titanate, barium titanate, and polytetrafluoroethylene (PTFE), and combinations thereof.~~
5. ~~(Deleted) A composition according to claim 1, wherein said fillers comprise: a first filler of 1-20% by weight and a second filler of 1-30% by weight.~~
6. ~~(Deleted) A composition according to claim 5, wherein said first filler is a graphite material and said second filler is a carbon fiber material.~~
7. (Currently Amended) A composition, ~~according to claim 5 or 6 further comprising a third filler, said third filler being 1-20% by weight~~ comprising a liquid crystalline polyester (LCP) as a matrix material and at least three lubricating fillers,
the composition having
a melting temperature of greater than or equal to 399 °C and
at least good wear resistance at conditions of at least 1.75 MPa-m/s (50,000 psi-fpm).
8. (Previously Presented) A composition according to claim 7, wherein said third filler is a mica material.

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9. (Currently Amended) A composition according to claim 7 or 8, further comprising a fourth filler, wherein said fourth filler being 0-15% by weight.
10. (Previously Presented) A composition according to claim 9, wherein said fourth filler is a particulate polyimide.
11. (Currently Amended) A composition comprising a liquid crystalline polyester (LCP) as a matrix material having an onset of melting temperature of greater than 320°C, wherein said composition having an onset of melting temperature of at least 320°C and wear resistance at conditions of at least 1.75 MPa-m/s (50,000 psi- fpm), and said liquid crystalline polyester material being about 65% by weight contains four fillers wherein said fillers comprise: (A) about 10% by weight of graphite (B) about 10% by weight carbon fiber; (C) about 5% by weight mica; and (D) about 10 % by weight of particulate polyimide.
12. (Currently Amended) An article made from a composition according to one of claims 4-10.
13. (Previously Presented) An article made from a composition according to claim 11.